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Wong, Y. K. **6**:53
Lexis Theory of Dispersion
Hendricks, W. A. **6**:78
Likelihood Ratio (see **Statistical Hypotheses, Testing of**)
Linear Simultaneous Equations (see **Least Squares**)
Berry, C. E. **16**:398
Lonseth, A. T. **13**:332 **15**:323
Reich, E. **20**:448
Tuckerman, L. B. **12**:307
Logarithmic Distribution Function (see **Distribution Functions**)
Markoff Chains
Epstein, B. **20**:590
Montroll, E. **18**:18
Matching Theory
Anderson, T. W. **14**:426
Battin, I. L. **13**:294
Chapman, D. W. **6**:85
Greenwood, J. A. **9**:56
Greville, T. N. E. **12**:350 **15**:432
Kaplansky, I. and Riordan, J. **16**:272
Kullback, S. **10**:77
Levene, H. **20**:91
Riordan, J. and Kaplansky, I. **16**:272
Matrix Theory
Bacon, H. M. **19**:422
Bowker, A. H. **18**:285
Dwyer, P. S. **15**:82
Dwyer, P. S., and Waugh, F. V. **16**:259
Dwyer, P. S., and MacPhail, M. S. **19**:517
Guttman, L. **17**:336
Hotelling, H. **14**:1 **14**:440 **15**:427
MacPhail, M. S., and Dwyer, P. S. **19**:517
Samuelson, P. A. **13**:424
Satterthwaite, F. E. **15**:373
Ullman, J. **15**:205
Waugh, F. V. **16**:216
Waugh, F. V., and Dwyer, P. S. **16**:259
Maximum Likelihood, Method of (see also **Statistical Hypotheses, testing of**)
Carlson, J. L. **3**:86
Daly, J. F., and Wilks, S. S. **10**:225
Myers, R. J. **5**:320
Wald, A. **20**:595
Wilks, S. S., and Daly, J. F. **10**:225
Wolfowitz, J. **20**:601
Mean Deviation
Godwin, H. J. **20**:127
Singleton, R. R. **11**:301
Tukey, J. W. **17**:75
Mean Square Successive Difference (see also **Serial Correlation**)
Bellinson, H. R., and von Neumann, J., Kent, R. H., and Hart B. I. **12**: 153
Hart, B. I. **13**:445
Hart, B. I., and von Neumann, J. **13**:207
Hart, B. I., Bellinson, H. R., von Neumann, J., and Kent, R. H. **12**:153
Hsu, P. L. **17**:350
Kent, R. H., Bellinson, H. R., Hart, B. I., and von Neumann, J. **12**:153
von Neumann, J., Bellinson, H. R., Kent, R. H., Hart, B. I. **12**:153
von Neumann, J. **12**:367 **13**:86
von Neumann, J., and Hart, B. I. **13**:207
Williams, J. D. **12**:239
Mean (see also **Arithmetic Mean, Geometric and Sampling Theory of Means**)
Baker, G. A. **1**:199
Beckenbach, E. F. **13**:88
Carver, H. C. **5**:73
Craig, A. T. **2**:99 **4**:127

Mean (see also **Arithmetic Mean, Geometric and Sampling Theory of Means**)—*Cont.*
Dodd, E. L. **8**:12 **9**:153 **11**:163 **12**:422
Dwyer, P. S. **11**:353
Fréchet, M. **18**:290
Gruzewska, H. M. **4**:196
Jenkins, T. N. **3**:45
Norris, N. **6**:27 **8**:118
Pollard, H. S. **5**:227
Welker, E. L. **18**:111
Zoch, R. T. **6**:171
Measure of Random Sets
Bronowski, J., and Neyman, J. **16**:330
Neyman, J., and Bronowski, J. **16**:330
Robbins, H. E. **15**:70 **15**:321 **16**:342 **18**:297
Santalo, L. A. **18**:37
Votaw, D. F., Jr. **17**:240
Median
Mood, A. M. **12**:268
Pollard, H. S. **5**:227
Thompson, W. R. **7**:122
Walsh, J. E. **20**:64
Moment-Generating Function (see also **Characteristic Function**)
Curtiss, J. H. **13**:430
Kozakiewicz, W. **18**:61
Moments
Alter, D. **10**:192
Carver, H. C. **4**:229
Churchill, E. **17**:244
Dodd, E. L. **9**:153
Dwyer, P. S. **8**:21 **9**:1 **9**:97 **9**:288 **11**:353
Evans, W. D. **11**:106
Feldman, H. M. **6**:30
Godwin, H. J. **20**:279
Hastings, C., Jr., Mosteller, F., Tukey, J. W., Winsor, C. P. **18**:413
Hsu, L. C. **15**:399 **16**:369
Jones, H. L. **19**:270
Kendall, M. G. **11**:402 **12**:464
Kirkham, W. J. **6**:96
Larguier, E. H. **7**:191
Larson, H. D. **10**:198
Merrell, M. **4**:216
Mosteller, F., Tukey, J. W., Winsor, C. P., and Hastings, C., Jr. **18**:413
O'Toole, A. L. **4**:1
Riordan, J. **8**:103
Rodrigues, M. D. **16**:74
Stephan, F. F. **16**:50
Tukey, J. W., Mosteller, F., Winsor, C. P., and Hastings, C., Jr. **18**:413
Tukey, J. W. **20**:523
Vatnsdal, J. R. **17**:198
Winsor, C. P., Mosteller, F., Tukey, J. W., and Hastings, C., Jr. **18**:413
Ziaud-Din, M. **9**:63
Multiple Correlation
Bacon, H. M. **9**:227
Dwyer, P. S. **8**:224
Fischer, C. H. **4**:278
Guttman, L. **9**:305
Horst, P. **3**:40
Hotelling, H. **11**:271
Kirkham, W. J. **8**:68
Miner, J. R. **2**:320
Starkey, D. M. **10**:327
Wherry, R. J. **2**:440
Wilks, S. S. **3**:196
Multinomial Distribution (see also **Distribution Functions**)
Kullback, S. **8**:127
McCarthy, P. J. **18**:349
Multivariate Statistical Theory
Anderson, T. W., and Girschick, M. A. **15**:345
Anderson, T. W. **17**:409
Bartlett, M. S. **18**:1
Brookner, R. J., and Wald, A. **12**:137
Daly, J. F. **11**:1
Finney, D. J. **17**:344
Girschick, M. A. **10**:203
Girschick, M. A., and Anderson, T. W. **15**:345
Hoel, P. G. **8**:149
Hotelling, H. **2**:360
Hsu, P. L. **9**:231
Kullback, S. **6**:202
Lukomski, J. **10**:236
Mauchly, J. W. **11**:204
Nanda, D. N. **19**:47 **19**:340
Rasch, G. **19**:262
Reiersøl, O. **11**:193
Tintner, G. **16**:304
Votaw, D. F., Jr. **19**:447
Wald, A., and Brookner, R. J. **12**:137
Wilks, S. S. **3**:196 **17**:257
Negative Binominal Distribution
Olmstead, P. S. **11**:363
Normal Bivariate Distribution
Anderson, T. W., and Villars, D. S. **14**:141
Hsu, C. T. **11**:410 **12**:279
Oberg, E. N. **18**:442
Paulson, E. **13**:440

Villars, D. S., and Anderson, T. W. **14**:141

Normal Distribution, Description and Properties of (see also **Distribution Functions**)
Dixon, W. J. **19**:424
Gordon, R. D. **12**:364
Kaplansky, I. **14**:197
Lukacs, E. **13**:91
Williams, J. D. **17**:363

Non-Parametric Statistical Theory (see also **Extreme Values, Order Statistics, Ranges, Rank Correlation, Ranking Theory, Run Theory, Matching Theory and Tolerance Limits**)
Dixon, W. J. **11**:199
Eisenhart, C., and Swed, F. S. **14**:66
Friedman, M. **11**:86
Hoeffding, W. **19**:546
Hotelling, H. and Pabst, M. R. **7**:29
Kimball, B. F. **18**:540
Kolmogorov, A. **12**:461
Lehmann, E. L., amd Stein, C. **20**:28
Mann, H. B. **16**:193
Mann, H. B., and Whitney, D. R. **18**:50
Mathison, H. C. **14**:188
Mosteller, F. **19**:58
Pabst, M. R., and Hotelling, H. **7**:29
Scheffé, H. **14**:227 **14**:305
Scheffé, H. and Tukey, J. W. **16**:187
Stein, C., and Lehmann, E. L., **20**: 28
Stewart, W. M. **12**:236
Swed, F. S., and Eisenhart, C. **14**:66
Tukey, J. W., and Scheffé, H. **16**:187
Tukey, J. W. **18**:529 **19**:30
Wald, A., and Wolfowitz, J. **10**:105 **11**:147 **14**:378 **15**:358
Whitney, D. R., and Mann, H. B. **18**:50
Wolfowitz, J., and Wald, A. **10**:105 **11**:147 **14**:378 **15**:358

Orthogonal Polynomials
Beale, F. **12**:97

Order Statistics (see also **Non-Parametric Statistical Theory**)
Eisenhart, C., and Swed, F. S. **14**:66
Epstein, B. **20**:590
Godwin, H. J. **20**:279
Gumbel, E. J. **14**:163
Hastings, C., Jr., Mosteller, F., Tukey, J. W., and Winsor, C. P. **18**:413
Jones, H. L. **19**:270
Mosteller, F., Hastings, C., Jr., Tukey, J. W., and Winsor, C. P. **18**:413
Noether, G. E. **19**:416
Scheffé, H., and Tukey, J. W. **16**:187
Swed, F. S., and Eisenhart, C. **14**:66
Thompson, W. R. **7**:122
Tukey, J. W., and Scheffé, H. **16**:187
Tukey, J. W., Mosteller, F., Winsor, C. P., and Hastings, C., Jr. **18**:413
Tukey, J. W. **18**:529 **19**:30
Walsh, J. E. **17**:44 **17**:246
Winsor, C. P., Mosteller, F., Tukey, J. W., and Hastings, C., Jr. **18**:413

Partial Correlation
Fischer, C. H. **4**:278
Guttman, L. **9**:305
Strecker, G. **6**:143

Path Coefficients
Wright, S. **5**:161

Pearson's Curves
Brown, A. W. **11**:448
Hildebrandt, E. H. **2**:379
Kullback, S. **7**:51
Salvosa, L. R. **1**:191 **1**:274

Periodogram Analysis
Alter, D. **8**:121
Dodd, E. L. **1**:205 **10**:254
Powell, R. W. **1**:123
Starkey, D. M. **10**:327

Perpetual Calendar
Roberts, J. L. **7**:44

Poisson Distribution
Cochran, W. G. **11**:335
Herbach, L. H. **19**:400
Hoel, P. G. **16**:362
Maceda, E. C. **19**:414
Riordan, J. **8**:103
Satterthwaite, F. E. **13**:410
Weida, F. M. **6**:102

Polynomials (see also **Orthogonal Polynomials**)
Barkey, I. H. **6**:131
Beale, F. **8**:206
Davis, H. T. **4**:155
Hildebrandt, E. H. **2**:379
Kimball, B. F. **11**:348
Samuelson, P. A. **12**:360

Probability Functions (see **Distribution Functions**)

Probability Theory (see also **Contagious Distributions, Distribution Functions, Inverse Probability, Markoff Chains, Measure of Random Sets, Random Walk Problem, Renewal Theory, Sampling Theory, Sequential Analysis, and Tchebycheff's Inequality**)

Probability Theory: Combinatorial (see also **Sampling Theory for Finite Populations**)
Chung, K. L. **12**:328 **13**:338 **14**:63 **14**:123 **14**:234
Chung, K. L., and Hsu, L. C. **16**:91
Geiringer, H. **9**:260 **10**:202
Hsu, L. C. **16**:369
Hsu, L. C., and Chung, K. L. **16**:91
McCarthy, P. J. **18**:349
Woodbury, M. A. **20**:311
Probability Theory: Limit Theorems and Limiting Distributions (see also **Probability Theory: Stochastic Processes**, and **Sampling Theory**)
Cramér, H. **18**:165
Dantzig, G. B. **10**:247
Doob, J. L. **6**:160 **20**:393
Dvoretzky, A. **20**:296
Erdös, P. **20**:286
Feller, W. **16**:301 **16**:319 **19**:177
Geiringer, H. **11**:393
Halmos, P. R. **15**:182
Hoeffding, W. **19**:293
Kimball, B. F. **15**:423
Madow, W. G. **11**:125
Mann, H. B., and Wald, A. **14**:217
Robbins, H. E. **19**:72
Scheffé, H. **18**:434
von Mises R. **18**:304
Wald, A., and Mann, H. B. **14**:217
Probability Theory: Stochastic Processes (see also **Renewal Theory** and **Stochastic Equations**)
Doob, J. L. **15**:229
Harris, T. E. **19**:474
Kac, M., and Siegert, A. J. F. **18**:438
Kendall, D. G. **19**:1
Otter, R. **20**:206
Siegert, A. J. F., and Kac, M. **18**:438
Wald, A. **19**:40
Yosida, K. **20**:292
Probability Theory: Miscellaneous
Belz, M. H. **18**:604
Birnbaum, Z. W. **13**:245
Birnbaum, Z. W., and Zuckerman, H. S. **15**:328
Boas, R. P., Jr. **20**:376
Camp, B. H. **8**:90
Chung, K. L. **19**:88
Copeland, A. H. **3**:143
Curtiss, J. H. **12**:409
Derkson, J. B. D. **10**:380
Doob, J. L. **12**:206
Doob, J. L., and von Mises, R. **12**:215
Epstein, B. **19**:370
Fréchet, M. **18**:288
Girschick, M. A. **13**:235 **13**:447
Godwin, H. J. **20**:127
Gurland, J. **19**:228
Halmos, P. R., and Savage, L. J. **20**:225
Hartman, P., and Wintner, A. **19**:389
Hsu, P. L. **16**:204
Huntington, E. V. **10**:195
Hurwitz, H., and Kac, M. **15**:173
Kac, M. **16**:400
Kac, M., and Hurwitz, H. **15**:173
Kimball, B. F. **18**:540
Kullback, S. **7**:51
Laderman, J., and Lowan, A. N. **10**:360
Lawther, H. P., Jr. **4**:241
Lowan, A. N., and Laderman, J. **10**:360
Lukomski, J. **10**:236
Marks, E. S. **19**:419
Pitman, E. J. G., and Robbins, H. **20**:325 **20**:552
Richards, P. I. **19**:16
Rietz, H. L. **7**:145
Robbins, H. E. **19**:266 **19**:360
Robbins, H. E., and Pitman, E. J. G. **20**:325 **20**:552
Sard, A. **20**:612
Savage, L. J., and Halmos, P. R. **20**:225
Ullman, J. **15**:205
von Mises, R. **10**:99 **12**:191
von Mises, R., and Doob, J. L. **12**:215
Wald, A. **9**:244 **15**:330
Wertheimer, A. **3**:64
Wintner, A. **18**:589
Wintner, A., and Hartman, P. **19**:389
Zoch, R. T. **8**:177
Zuckerman, H. S., and Birnbaum, Z. W **15**:328
Quality Control (see also **Sampling Inspection**)
Howell, J. M. **20**:305
Mosteller, F. **12**:228
Olmstead, P. S. **11**:363 **17**:24
Shewhart, W. A. **10**:80
Wolfowitz, J. **14**:280
Random Numbers
Horton, H. B. **19**:81
Horton, H. B., and Smith, R. T., III. **20**:82
Smith, R. T., III, and Horton, H. B. **20**:82
Walsh, J. E. **20**:580
Random Sets (see **Measure of Random Sets**)

Random Walk Problem
Blackwell, D., and Girschick, M. A. **17**: 310
David, H. T. **20**:603
Girschick, M. A., and Blackwell, D. **17**: 310
Kac, M. **16**:62
Range
Gumbel, E. J. **15**:414 **18**:384
Hoel, P. G. **17**:475
Walsh, J. E. **20**:257
Rank Correlation
Hotelling, H., and Pabst, M. R. **7**:29
Pabst, M. R., and Hotelling, H. **7**:29
Woodbury, M. A. **11**:358
Ranking Theory
Friedman, M. **11**:86
Guttman, L. **17**:144
Kendall, M. G., and Smith, B. B. **10**:275
Olds, E. G. **9**:133 **20**:117
Smith, B. B., and Kendall, M. G. **10**:275
Regression Theory
Andersson, W. **5**:81
Bernstein, F. **8**:77
Bridger, C. A. **9**:309
Coleman, J. B. **3**:79
Dwyer, P. S. **8**:224 **12**:104
Eisenhart, C. **10**:162
Ezekiel, M. **1**:275
Finney, D. J. **17**:344
Kenney, J. F. **10**:70
Miner, J. R. **2**:320
Quensel, C. E. **7**:196
Tintner, G. **16**:304
Villars, D. S. **18**:596
Wald, A. **11**:284 **18**:586
Wicksell, S. D. **1**:3
Wong, Y. K. **7**:47
Rejection of Observations
Thompson, W. R. **6**:214
Renewal Theory (see also **Probability Theory: Stochastic Processes**)
Brown, A. W. **11**:448
Feller, W. **12**:243
Kendall, D. G. **19**:1
Lotka, A. J. **10**:1 **10**:144 **13**:115 **19**:190
Representative Sampling (see **Stratified Sampling**)
Run Theory
Eisenhart, C., and Swed, F. S. **14**:66
Kaplansky, I. **16**:200
Kaplansky, I., and Riordan, J. **16**:272
Levene, H., and Wolfowitz, J. **15**:58
Mosteller, F. **12**:228
Mood, A. M. **11**:367
Olmstead, P. S. **17**:24
Riordan, J., and Kaplansky, I. **16**:272
Swed, F. S., and Eisenhart, C. **14**:66
Wolfowitz, J., and Levene, H. **15**:58
Wolfowitz, J. **14**:280 **15**:97 **15**:163
Sampling, Experimental
Dunlap, H. F. **2**:66
Frankel, A., and Kullback, S. **11**:209
Kullback, S., and Frankel, A. **11**:209
Robinson, S. **4**:285
Sampling Inspection
Bartky, W. **14**:363
Curtiss, J. H. **17**:62
Dodge, H. F. **14**:264
Grubbs, F. E. **20**:242
Littauer, S. B., and Peach, P. **17**:81
Mood, A. M. **14**:415
Neyman, J. **12**:46
Peach, P., and Littauer, S. B. **17**:81
Silber, J. **19**:246
Wald, A., and Wolfowitz, J. **16**:30
Sampling Theory (see also **Analysis of Variance, Analysis of Covariance, Chi-Square Test, Confidence Intervals, Contingency and Contingency Tables, Distribution Functions, Extreme Values, Fisher's z-Test, Multivariate Statistical Theory, Non-Parametric Statistical Theory, Order Statistics, Stratified Sampling, Sampling Inspection, Sequential Analysis, Significance Tests, Snedecor's F-Test, Statistical Hypotheses, Student's t-Test,** and **Systematic Sampling**)
Sampling Theory for Finite Populations (see also **Probability Theory: Combinatorial**)
Carver, H. C. **1**:101 **1**:260
Goodman, L. A. **20**:572
Hansen, M. H., and Hurwitz, W. N. **14**:333 **20**:426
Hurwitz, W. N., and Hansen, M. H. **14**:333 **20**:426
Madow, W. G. **19**:535
Olds, E. G. **11**:355
Sampling Theory of Means and Other Linear Functions
Andrews, F. C., and Birnbaum, Z. W., **20**:458
Baker, G. A. **1**:199 **2**:333 **11**:219 **17**:366 **20**:123

Birnbaum, Z. W., and Andrews, F. C. **20**:458
Brown, G. W., and Tukey, J. W. **17**:1
Carlson, J. L. **3**:86
Craig, A. T. **3**:126 **4**:127
Craig, C. C. **2**:99
Dodd, S. C. **7**:202
Hsu, P. L. **16**:1
Tukey, J. W., and Brown, G. W. **17**:1
Welker, E. L. **18**:111
Wilks, S. S. **3**:163

Sampling Theory of Variances, Covariances, and Other Quadratic Forms (see also **Analysis of Variance**)
Baker, G. A. **2**:333 **6**:127 **11**:219
Craig, A. T. **3**:126 **9**:48 **14**:195 **18**:565
Grubbs, F. E. **15**:75
Hsu, C. T. **11**:410 **12**:279
Hsu, P. L. **16**:1
Kac, M. **16**:400
Madow, W. G. **11**:100 **11**:125
Olds, E. G. **9**:133
Pitman, E. J. G., and Robbins, H. E. **20**:552
Robbins, H. E. **19**:266
Robbins, H. E., and Pitman, E. J. G. **20**:552
Welch, B. L. **18**:118
Wilks, S. S. **3**:163

Sampling Theory: Miscellaneous
Anderson, R. L. **13**:1
Baer, R. **16**:348
Baker, G. A. **3**:1
Brown, G. M. **4**:288
Camp, B. H. **9**:221 **17**:226
Carver, H. C. **1**:101 **2**:82
Craig, C. C. **2**:324
Dieulefait, C. E. **13**:94
Dixon, W. J. **15**:119
Dwyer, P. S. **8**:21 **9**:1 **9**:97
Epstein, B. **19**:370
Ezekiel, M. **1**:275
Feldman, H. M. **3**:20 **6**:30
Goodman, L. A. **20**:572
Greenwood, J., and Greville, T. N. E. **10**:297
Greville, T. N. E., and Greenwood, J. **10**:297
Hoel, P. G. **14**:289
Kac, M. **19**:257
Kimball, B. F. **20**:110
Kullback, S. **5**:263
Leipnik, R. B. **18**:80
Madow, W. G. **8**:159
Molina, E. C. **17**:325
Mood, A. M. **12**:268
Mosteller, F. **17**:377
Norris, N. **11**:445
Plackett, R. L. **19**:575
Quenouille, M. H. **20**:355 **20**:561
Rider, P. R. **2**:48
Shen, C. L. **7**:62
Tukey, J. W. **20**:523

Scaling and Scales of Measurements
Cochran, W. G. **14**:205
Guttman, L. **17**:144

Semi-invariants
Craig, C. C. **2**:154 **11**:177
Dressel, P. L. **11**:33

Sensitivity Testing
Churchman, C. W., and Epstein, B. **15**:90
Epstein, B., and Churchman, C. W. **15**:90

Sequential Analysis
Albert, G. E. **18**:593 **19**:426
Blackwell, D. **17**:84 **18**:105
Blackwell, D., and Girshick, M. A. **18**:277 **17**:310
Blom, G. **20**:439
Girschick, M. A. **17**:123 **17**:282
Girschick, M. A., and Blackwell, D. **17**:310 **18**:277
Harris, T. E. **18**:294
Herbach, L. A. **19**:400
Noether, G. E. **20**:455
Paulson, E. **18**:447
Savage, L. J. **18**:295
Sobel, M., and Wald, A. **20**:502
Stein, C. **17**:498
Stein, C., and Wald, A. **18**:427
Wald, A. **15**:283 **16**:117 **16**:287 **17**:466 **17**:493
Wald, A., and Stein, C. **18**:427
Wald, A., and Wolfowitz, J. **19**:326
Wald, A., and Sobel, M. **20**:502
Wolfowitz, J. **17**:489 **18**:131 **18**:215
Wolfowitz, J., and Wald, A. **19**:326

Serial Correlation (see also **Mean Square Successive Difference**)
Anderson, R. L. **13**:1
Dixon, W. J. **15**:119
Koopmans, T. **13**:14
Leipnik, R. B. **18**:80
Madow, W. G. **16**:308
Quenouille, M. H. **20**:561
Rubin, H. **16**:211

Wald, A., and Wolfowitz, J. **14**:378
Wolfowitz, J., and Wald, A. **14**:378

Sheppard's Corrections
Abernethy, J. R. **4**:263
Alter, D. **10**:192
Bartlett, M. S. **2**:309
Carver, H. C. **7**:154
Craig, C. C. **7**:55 **12**:339
Dwyer, P. S. **13**:138
Kullback, S. **6**:158
Lewis, W. T. **6**:11
Pierce, J. A. **11**:311

Significance Tests (see also **Statistical Hypotheses, Testing of**)
Anderson, T. W., and Villars, D. S. **14**:141
Baker, G. A. **6**:197 **12**:233
Bancroft, T. A. **15**:190
Bowker, A. H. **15**:98
Brown, G. W. **10**:119
Daly, J. F. **17**:71
Dixon, W. J. **11**:199
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